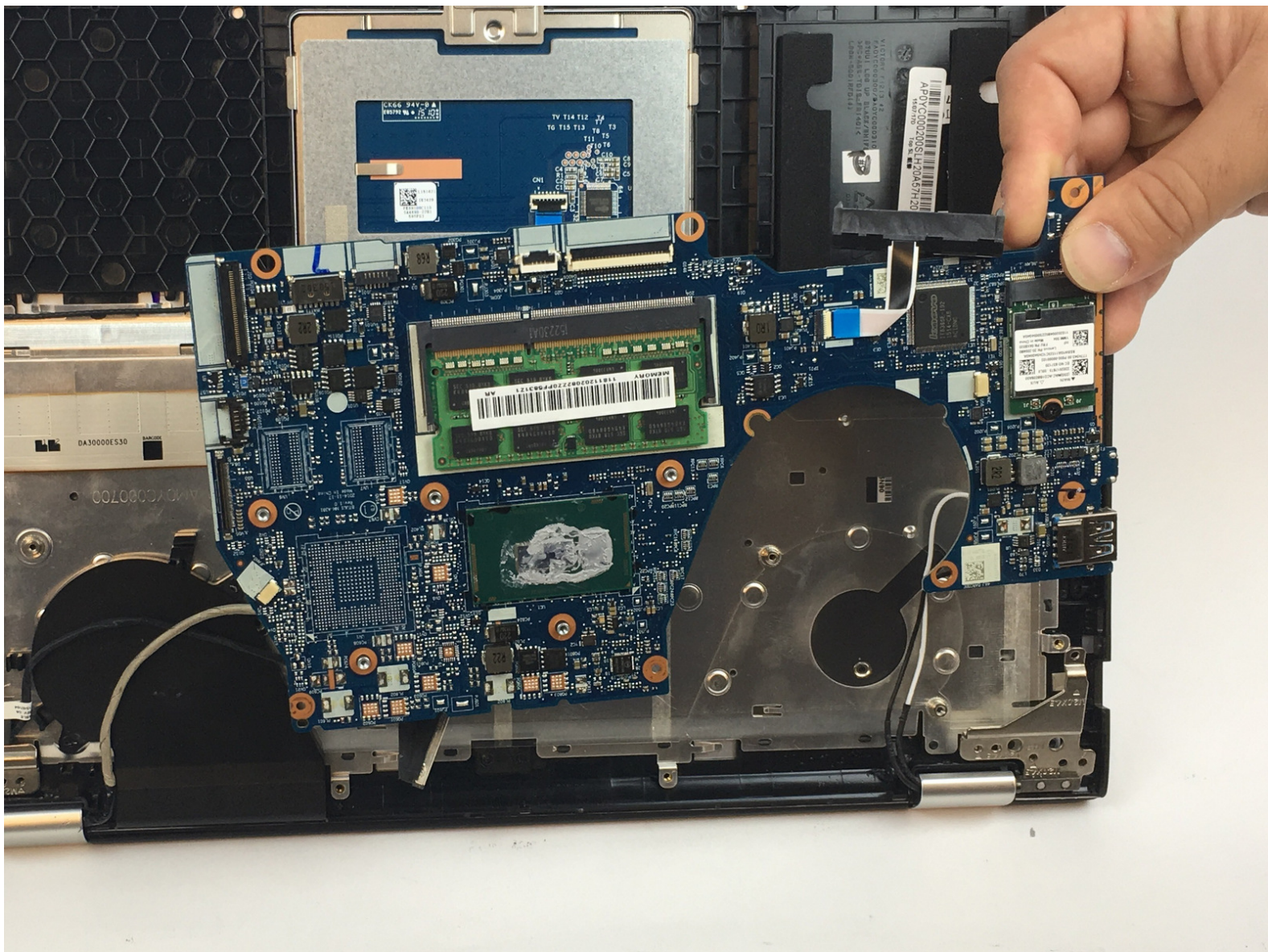




Lenovo Yoga 3 14 Motherboard Replacement

The motherboard is the circuit board that connects everything in the laptop together. Essentially, replacing this piece is like having a clean PC.

Written By: Mohammed



INTRODUCTION

To replace the motherboard of the Lenovo Yoga 3 14, you need a PH0 screwdriver, a spudger, and tweezers. Some parts require you to use your hands to disconnect some components from the motherboard.



TOOLS:

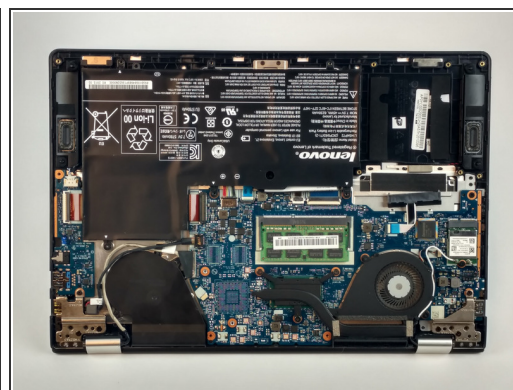
- [Phillips #1 Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
-

Step 1 — Back Case



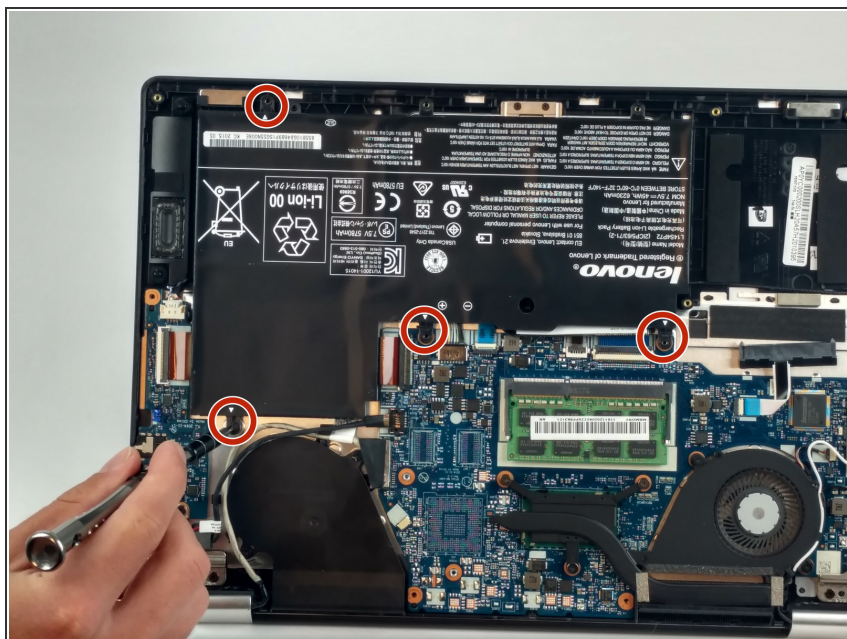
- Remove the eleven 6mm T5 Torx screws from the back case.

Step 2



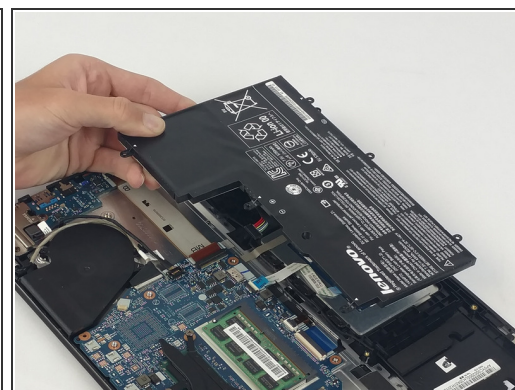
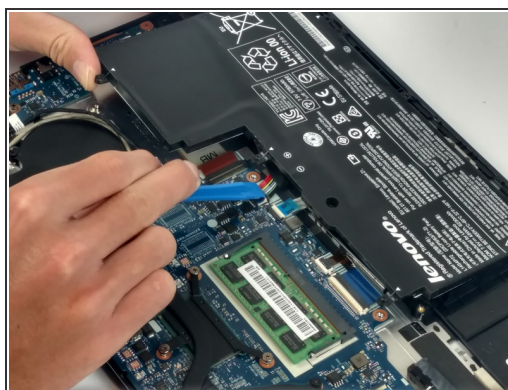
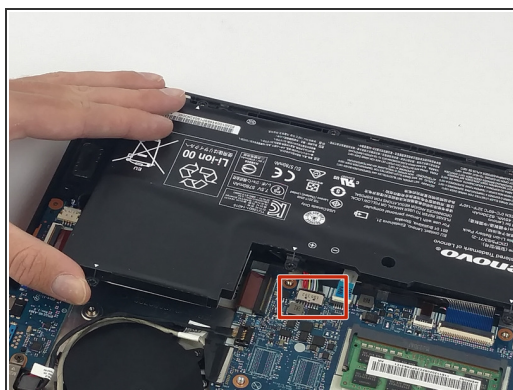
- Insert the plastic opening tool into the long side of the case backing and slide it the entire length of the laptop.
- Gently lift the backing off the laptop.

Step 3 — Battery



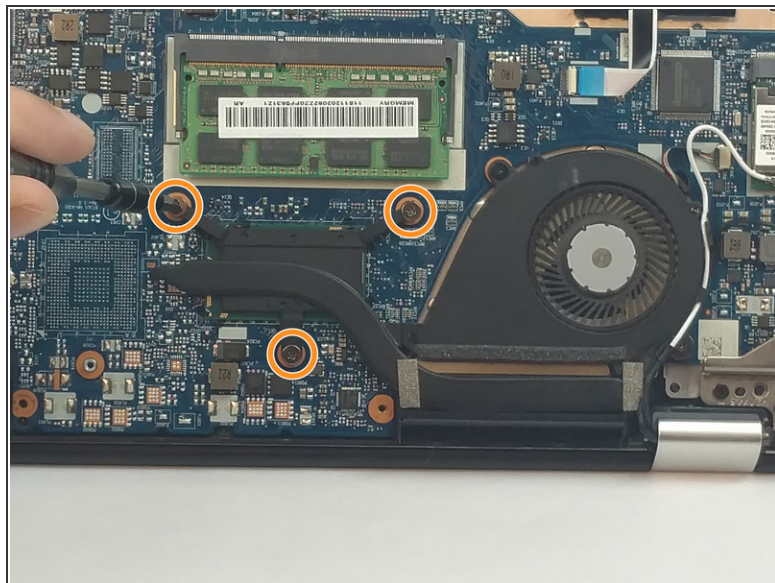
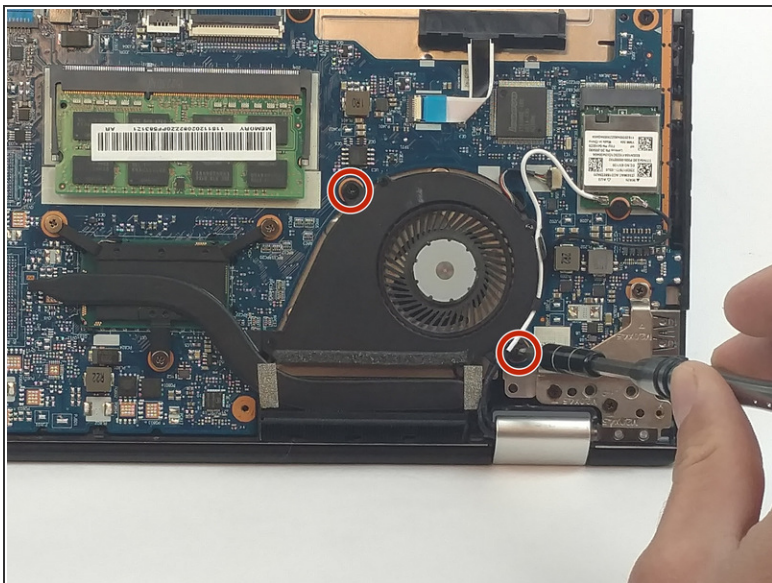
- Remove the four 3mm PH#0 screws surrounding the battery.

Step 4



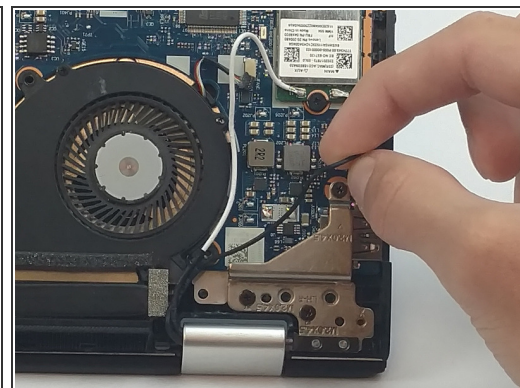
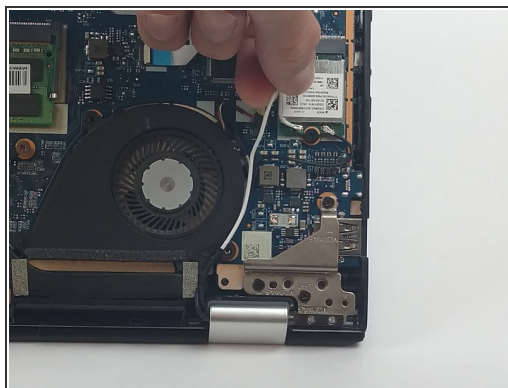
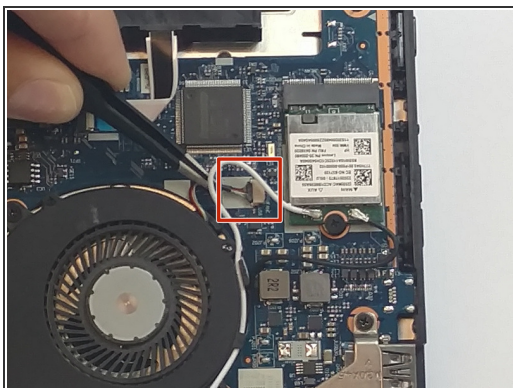
- Gently lift the battery and use the plastic opening tool to remove the battery's connection to the laptop.

Step 5 — Cooling Fan



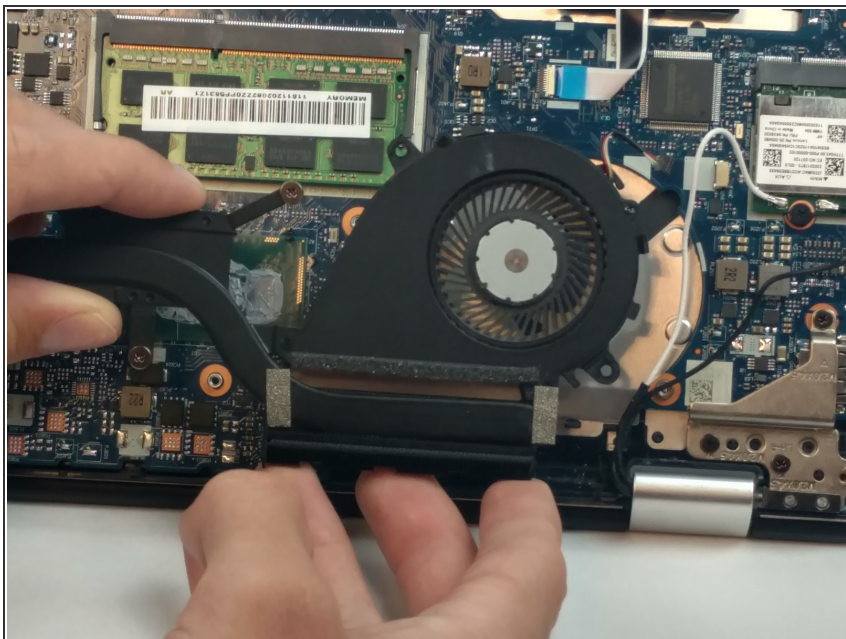
- Remove the two 3mm screws using the PH#0 screwdriver head.
- Unscrew the three 4mm screws using PH#1 (the larger screws do not come off they are attached to the housing unit of the cooling fan).

Step 6



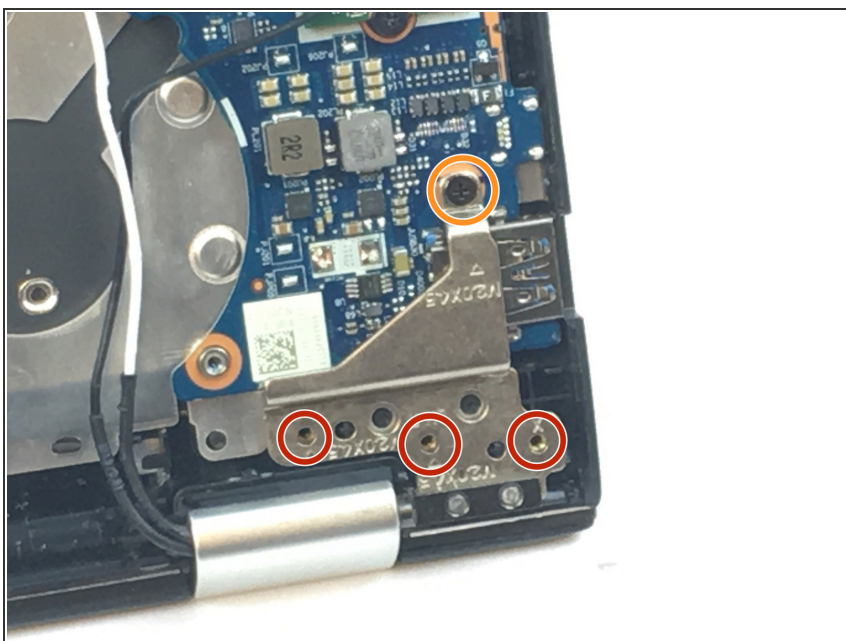
- Use tweezers to disconnect the fan.
- Unwrap the white and black wires from around the fan case.

Step 7



- Gently lift the fan out of the laptop.

Step 8 — Motherboard



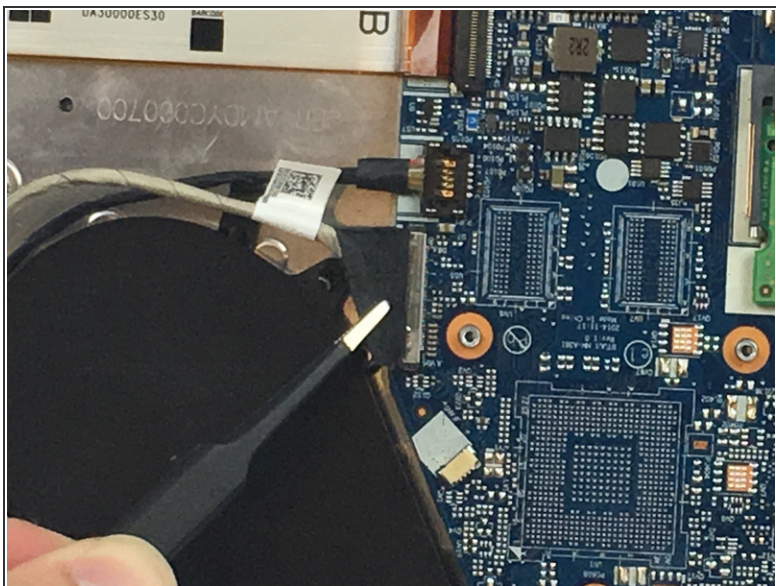
- Unscrew the three 3mm screws from the bottom right hinge using a PH0 screwdriver.
- Remove the one 4mm screw that connects the hinge to the motherboard.

Step 9



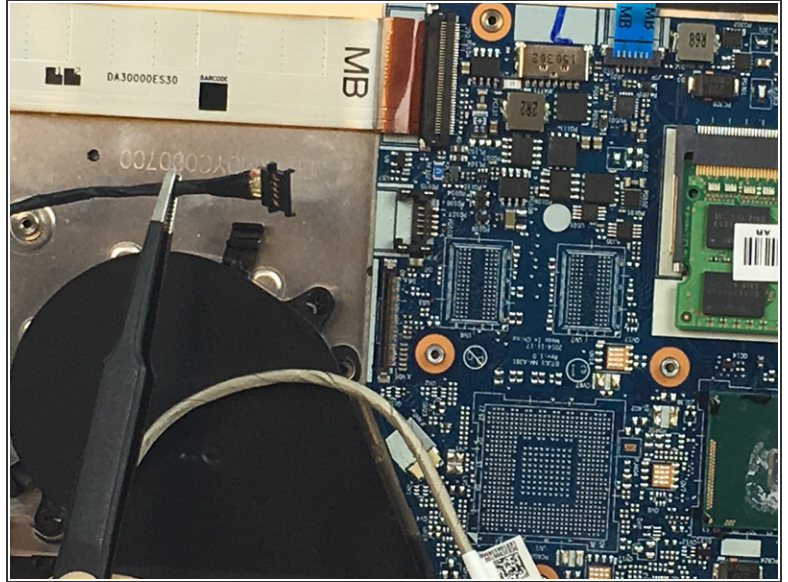
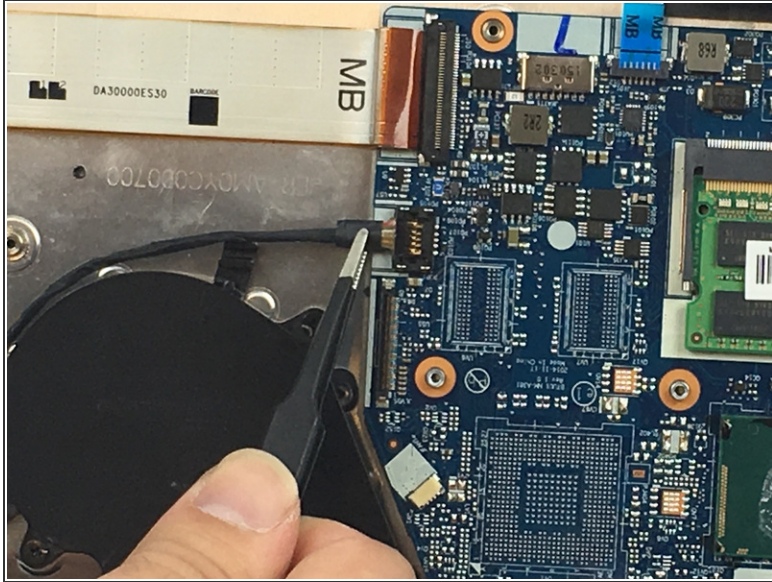
- Using the tweezers, disconnect the white and black cables connecting the motherboard to the screen.

Step 10



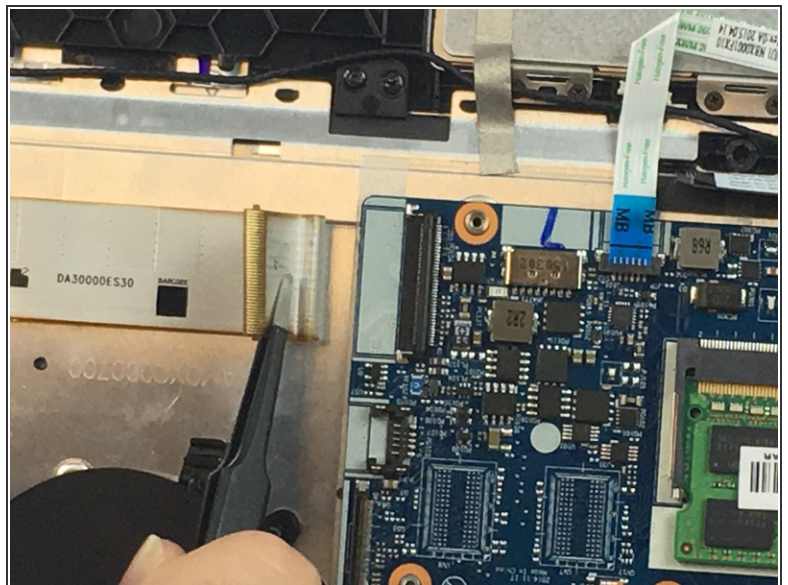
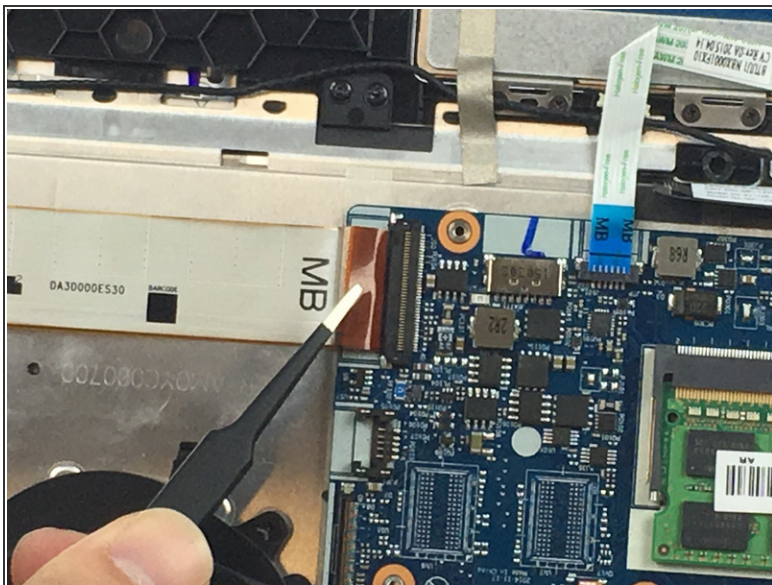
- Using tweezers, disconnect the second cable connecting the screen to the motherboard.

Step 11



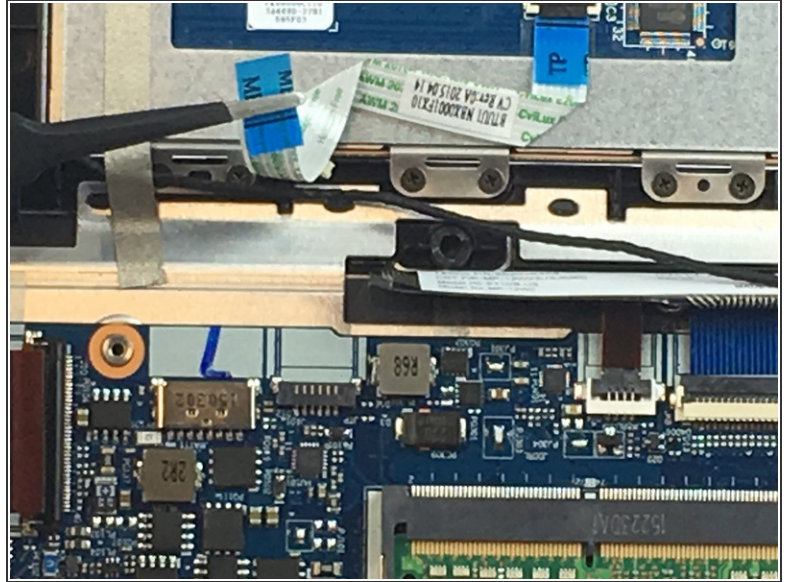
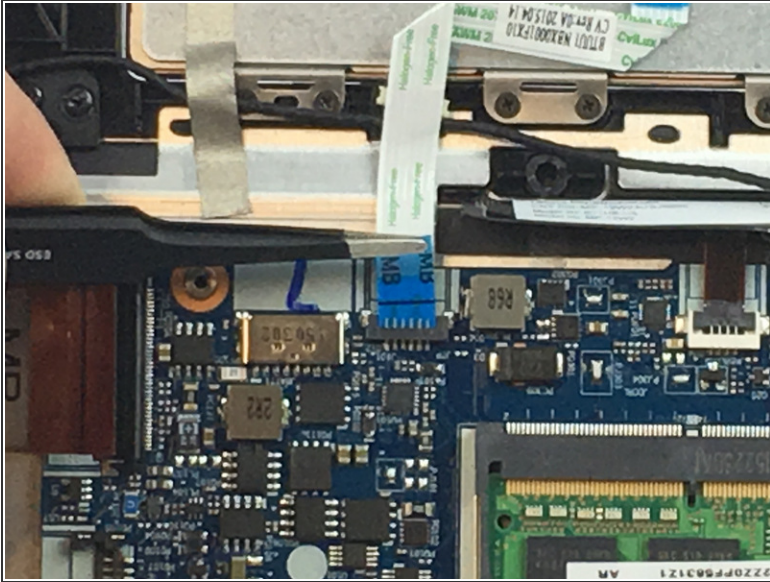
- Lift the plastic clip connecting the USB port cable to the motherboard.
- Gently use tweezers to remove the cable.

Step 12



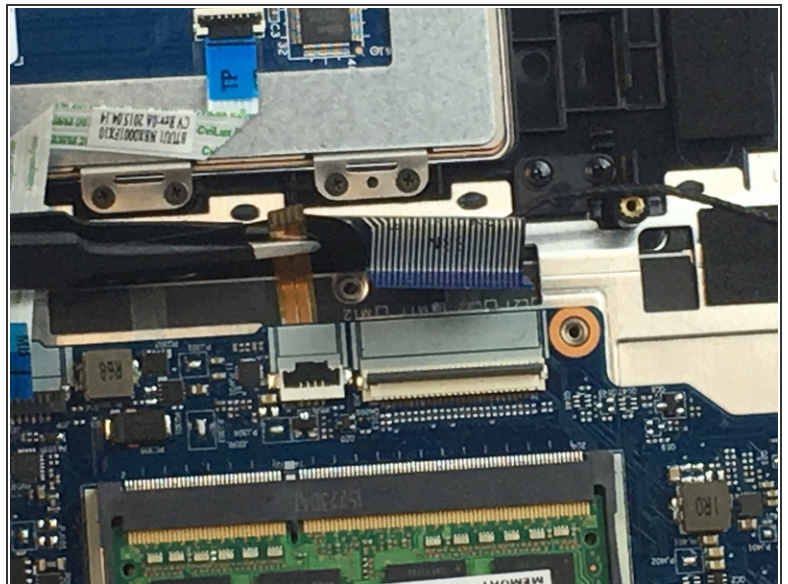
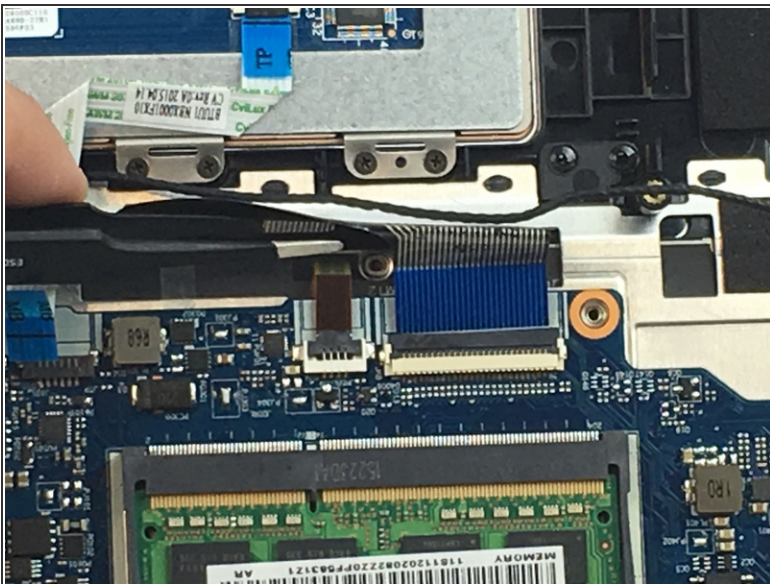
- Using tweezers, undo the plastic clip holding the ribbon in place and gently pull the ribbon to remove it.

Step 13



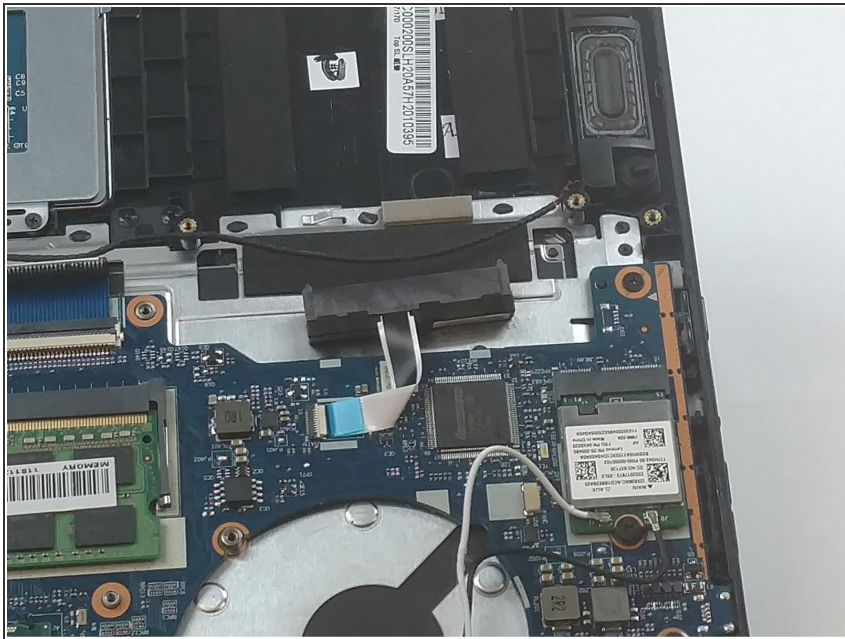
- Gently lift the clip holding down the blue ribbon connection the touch pad to the motherboard. Use tweezers to disconnect the ribbon.

Step 14



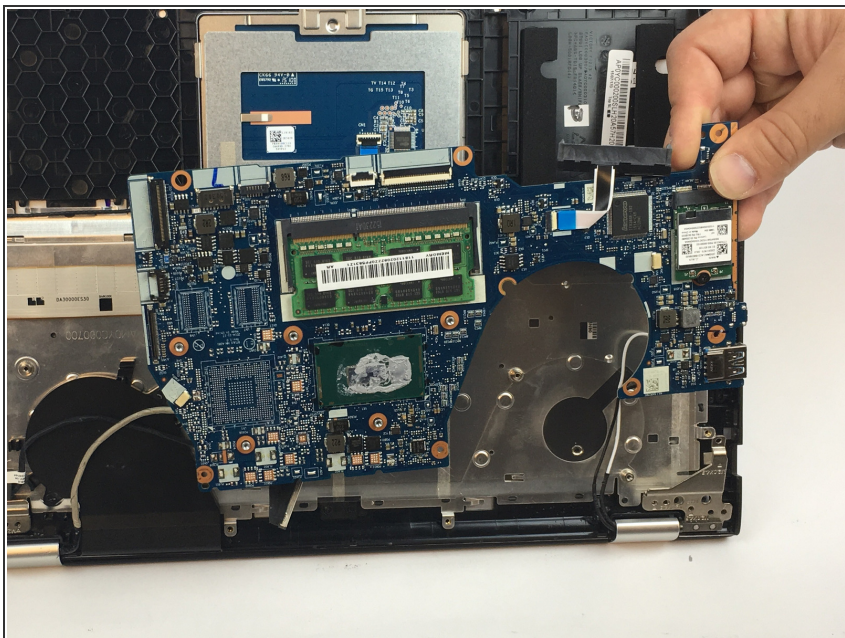
- Undo the clips holding the blue and brown ribbon to the motherboard. Use tweezers to gently remove both ribbons.

Step 15



- Place one hand on the hard drive and gently gripping the black connector, pull it away from the hard drive to disconnect.
- ❗ Our laptop did not have the hard drive with it, but this is where it would be located.

Step 16



- Carefully lift the motherboard away from the laptop.

To reassemble your device, follow these instructions in reverse order.

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